

Amendments to the Claims:

Claims 1 through 43. **(Canceled)**

44. **(Currently Amended)** An image forming apparatus, comprising:

an image bearing member on which a latent image corresponding to image information is formed; ~~is formed with a developer including a carrier and a toner;~~

developing means for developing the latent image formed on said image bearing member with a developer including a carrier and a toner;

supplying means for supplying the toner to said developing means;

detecting means for detecting ~~information corresponding to~~ a magnetic permeability of the developer;

counting means for counting pixel information corresponding to the image information; and

selecting ~~controlling~~ means for selecting between a first mode in which an amount of the toner supplied from said supplying means to said developing means is controlled on the basis of an output from said detecting means and a second mode in which the amount of the toner supplied from said supplying means to said developing means is controlled on the basis of an output from said counting means,

wherein said selecting ~~controlling~~ means selects between the ~~the~~ [[said]] first mode and the ~~the~~ [[said]] second mode in accordance with a difference value between a value detected ~~obtained by a detecting operation performed by said detecting means~~ before a stop of an image forming operation and a value detected by said detecting means after a start of an

image forming operation after the stop of the image formation operation. ~~and a value obtained by a detecting operation performed immediately before the detecting operation.~~

45. **(Currently Amended)** An image forming apparatus according to Claim 44, wherein when the difference value is equal to or larger than a predetermined value, said selecting controlling means selects the second mode.

46. **(Currently Amended)** An image forming apparatus according to Claim 45, wherein after said selecting controlling means performs the second mode for a predetermined period of time, said selecting controlling means switches from the second mode to the first mode.

47. **(Currently Amended)** An image forming apparatus according to Claim 45, wherein after said selecting controlling means performs a predetermined number of image formations in the second mode, said selecting controlling means switches from the second mode to the first mode.

48. **(Currently Amended)** An image forming apparatus, comprising:
an image bearing member on which a latent image corresponding to image information is formed;

developing means for developing the latent image formed on said image bearing member with a developer including a carrier and a toner;

supplying means for supplying the toner to said developing means;

detecting means for detecting information corresponding to a magnetic permeability of the developer;

counting means for counting pixel information corresponding to the image information; and

selecting ~~controlling~~ means for selecting between a first mode in which an amount of the toner supplied from said supplying means to said developing means is controlled on the basis of an output from said detecting means and a second mode in which the amount of the toner supplied from said supplying means to said developing means is controlled on the basis of the output from said detecting means and an output from said counting means,

wherein said selecting ~~controlling~~ means selects between the ~~the~~ [[said]] first mode and the ~~the~~ [[said]] second mode in accordance with a difference value between a value detected ~~obtained by a detecting operation performed by said detecting means~~ before a stop of an image forming operation and a value detected by said detecting means after the stop of the image forming operation. ~~and a value obtained by a detecting operation performed immediately before the detecting operation.~~

49. **(Currently Amended)** An image forming apparatus according to Claim 48, wherein when the difference value is equal to or larger than a predetermined value, said selecting ~~controlling~~ means selects the second mode.

50. **(Currently Amended)** An image forming apparatus according to Claim 49, further comprising controlling means for calculating, in the second mode, an amount of the toner to be supplied by using, with a use rate defined by a predetermined coefficient, both

of a value relating to a supply corresponding to the output from said detecting means and a value relating to a toner supply corresponding to the output from said counting means, and for controlling said supplying means to perform a toner supplying operation for the calculated amount. ~~wherein in the second mode, said controlling means gives a weight using a predetermined coefficient to an output from said detecting means and an output from said counting means to calculate an amount of the toner to be supplied.~~

51. **(Previously Presented)** An image forming apparatus according to Claim 50, wherein said controlling means assigns a value corresponding to the output from said detecting means to the predetermined coefficient.

52. **(Currently Amended)** An image forming apparatus according to Claim 50, wherein said controlling means changes the predetermined coefficient so that a use rate of the value relating to the toner supply corresponding to a weight ~~of the output from said detecting means~~ becomes larger in accordance with an increase in a number of image formations.

53. **(Previously Presented)** An image forming apparatus according to Claim 49, wherein after said controlling means performs the second mode for a predetermined period of time, said controlling means switches from the second mode to the first mode.

54. **(Previously Presented)** An image forming apparatus according to Claim 49, wherein after said controlling means performs a predetermined number of image

formations in the second mode, said controlling means switches from the second mode to the first mode.